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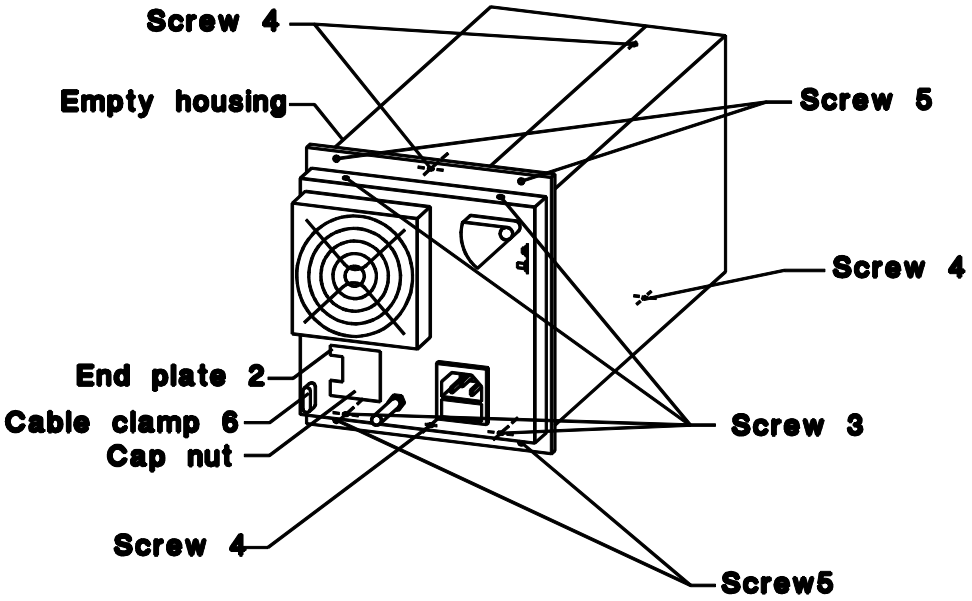
Important! Before starting work switch off power supply and pull out mains plug!

Figure 1



- To remove power pack from Evita 4 / EvitaXL, first remove the hood from Evita 4 / EvitaXL, then remove screws 5 (4 x) and then pull power pack out backwards from Evita 4 / EvitaXL.
- Unscrew cable clamp 6 and remove mains cable
- Remove cap nuts 1 (Figure 1) on the front panel (2x; socket spanner 5.5).
- Remove end plate 2.
- Remove screws 3 at the upper and lower edge of the front panel (2 x).
- Remove screws 4 of the empty housing (4 x).
- Remove empty housing.

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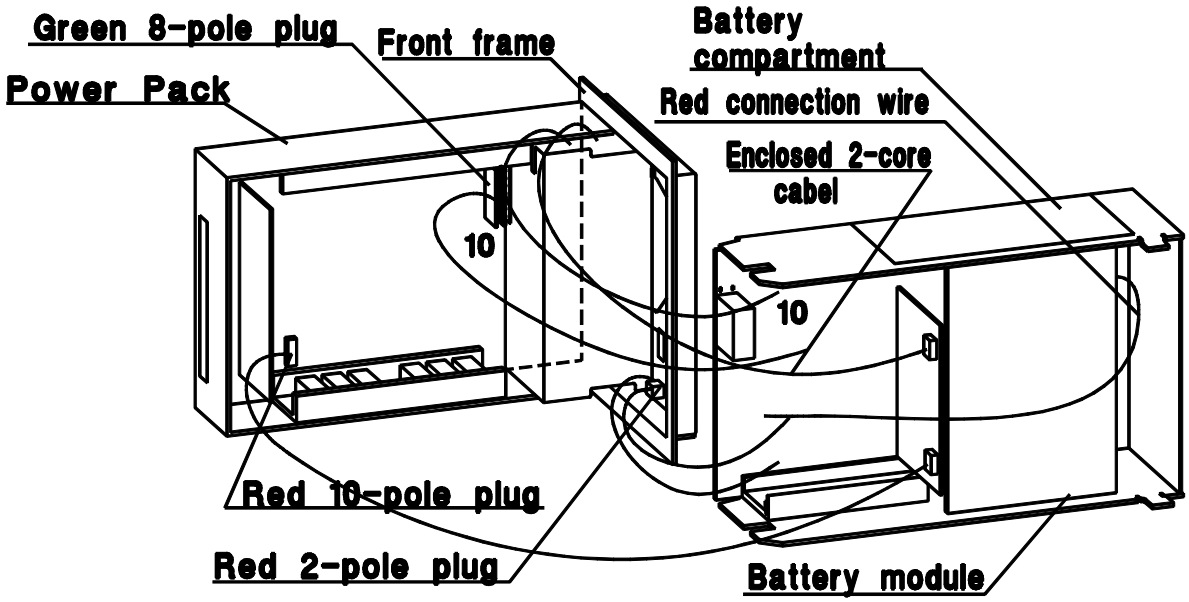
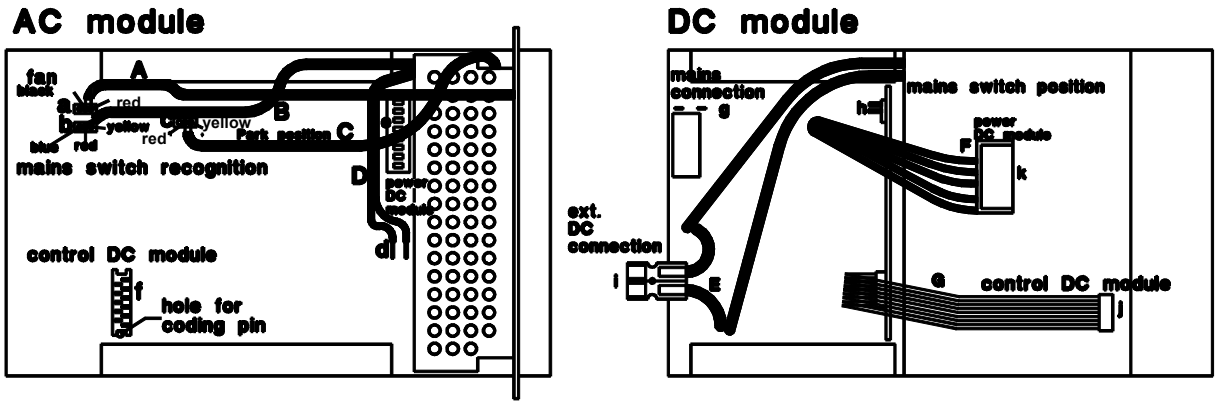
Figure 2



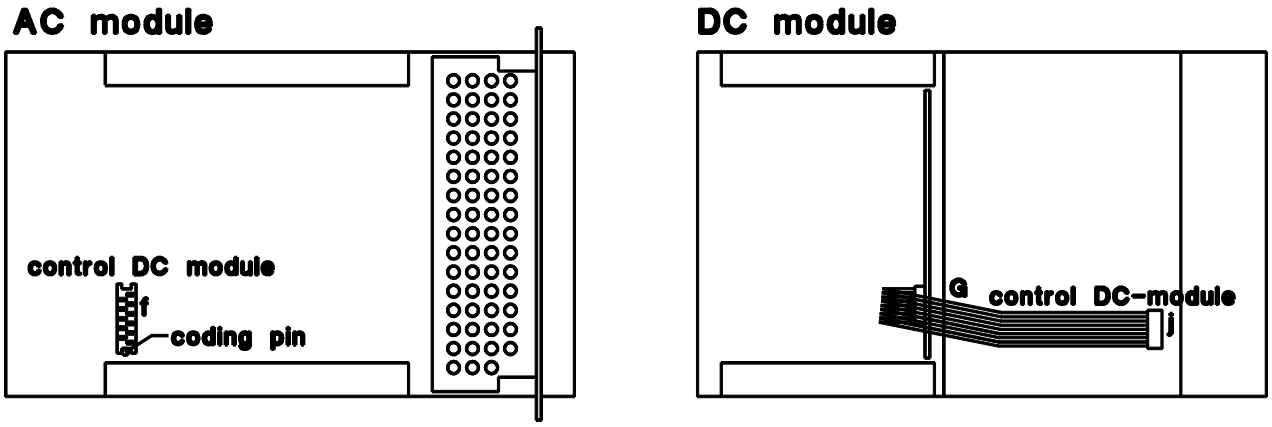
- Arranging the power pack and the battery module as in Figure 2.

Figure 3 (overview)



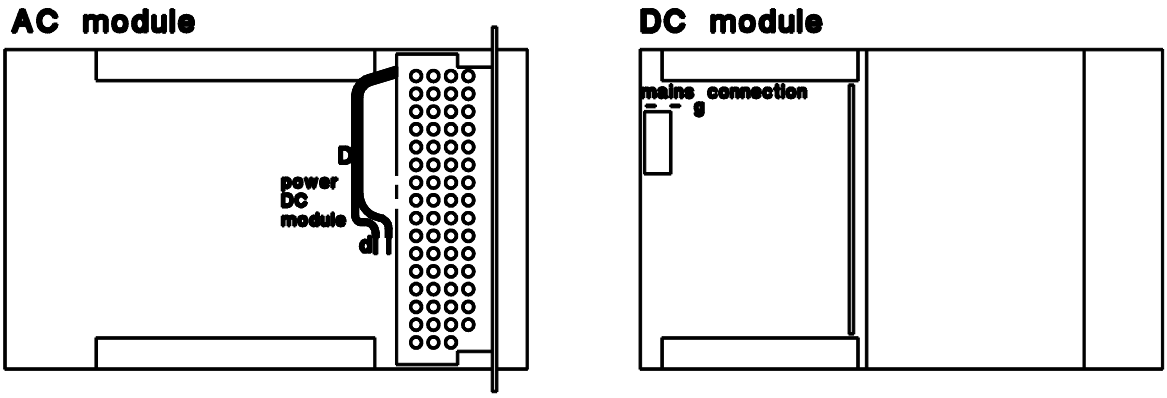
- Connect the plug j (cable harness G) to the plug f. It is essential that the coding pin sticks out of the hole of the pcb.

Figure 4



- Remove the 2 faston plug of plug d (cable harness D) from the power pack (caution, plugs may be very tight) and connect to battery module plug g. The polarity is unimportant.

Figure 5



- Remove cable harness C from plug c and connect to plug h in the battery module. The blue clip on the plug is at the bottom.

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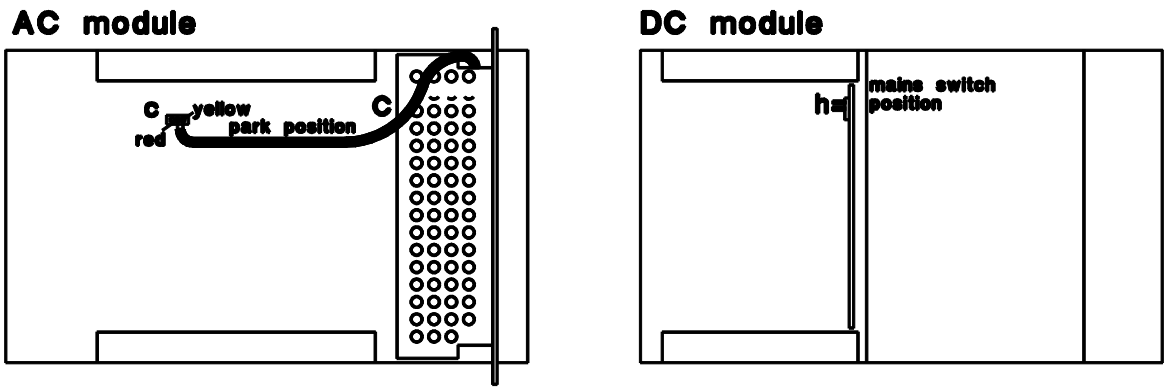
Figure 6



- Connect cable harness F to plug e.

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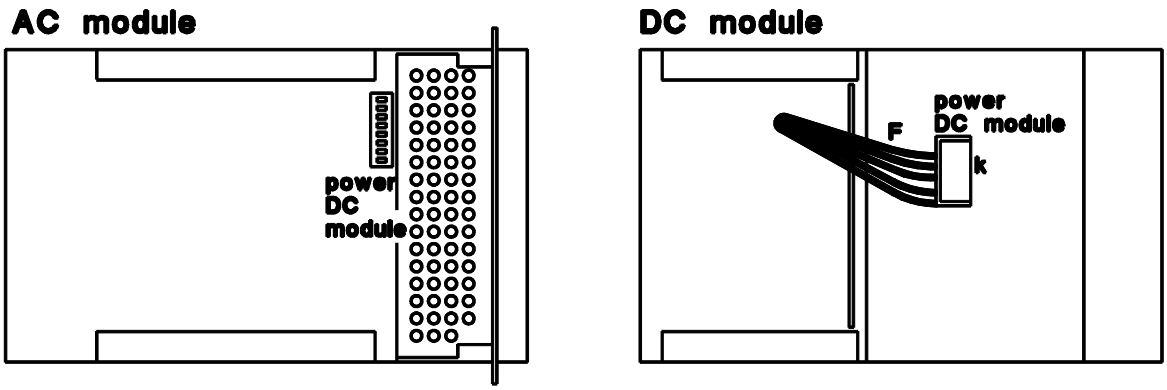
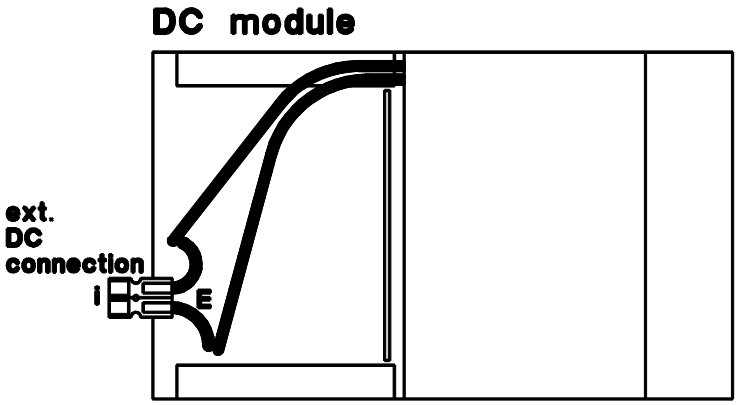
Figure 7



- Push red plug l through the front panel (if necessary use pointed pliers to pull through from outside). If the two halves of the plug become detached, ensure that they are reconnected in the correct way (see drawing).

Figure 8



- Push end plate 2 with the square opening onto plug I and then screw onto the two threaded bolts with the nut caps 1.
- Slowly press the battery module onto the power pack and front frame. Ensure that none of the plug-in connections becomes loose.
- Please ensure that none of the cables are squashed in the device.

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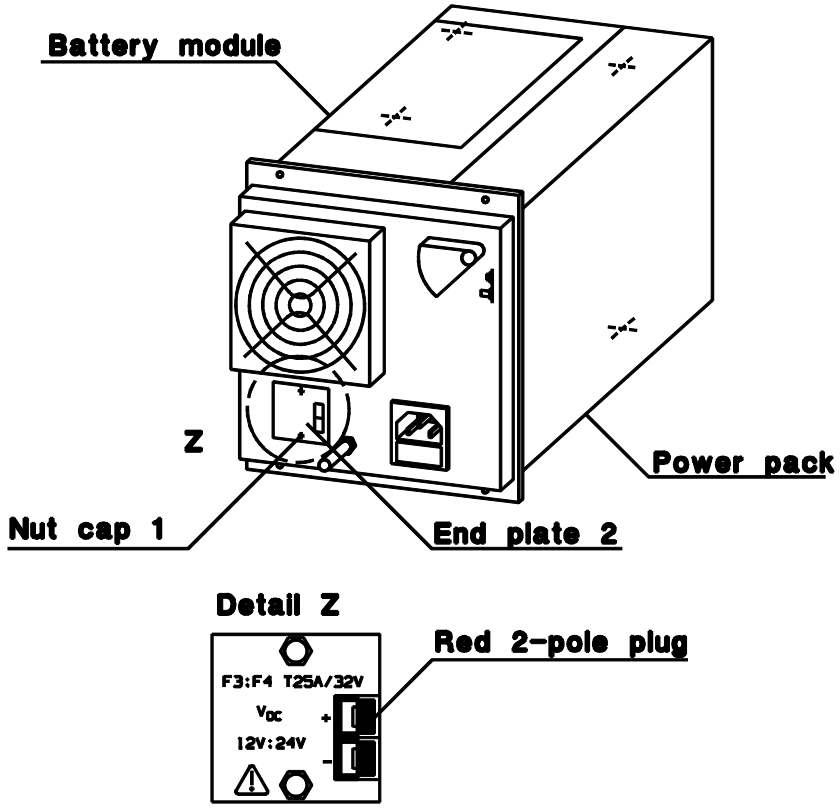
Figure 9



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- Push battery module into final position in the place of the empty housing (Figure 9).
- Screw in screws 4 (4 x) and then screws 3 (2 x).
- Open battery compartment and connect red connecting wire to the battery clamp +. (There will be a short ”peep” when connecting - this is quite normal).
- Screw close battery compartment having checked that the connection cables are properly laid.
- Retighten cable clamp and mains cable.
- Insert power pack into device and fix with screws 5 (4 x).
- Reattach hood.
- Connect device to mains and switch on.
- Initial start-up of power pack as described in the Evita 4 DC / EvitaXL Instructions for Use.
- Switch off Evita 4 / EvitaXL and then switch on again.
- The direct voltage power pack is activated.

The internal battery of the direct voltage power pack is only fully charged after 24 hours. For this reason keep Evita 4 / EvitaXL connected to the mains for at least 24 hours - either switched on or in standby.

Final test of the assembled DC-Modul

Important: The DC module can only be tested if the internal battery in the DC module has been charged.

Important: If the green charge indicator for the internal battery is not lit continue to run unit from mains supply.

Testing of charging circuit

Switch on Evita and run off mains voltage.

Test prerequisite: Green charge indicator for internal battery lit during mains operation. With Evita switched on connect the test set-up with charge tester 7910385 to connection for external battery at power pack of unit and set voltage at voltmeter to 10 – 12V.

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The test set-up with charge tester 7910385 simulates a discharged battery.

The DC power pack of the Evita then attemps to charge the battery (Gel battery 13,8V or 27,6V with automatic recognition).

Attention: Max. Test duration = 1 minute!

Testing: Voltage at voltmeter is pulsed to ≥20V or continuously switched.

Testing of function with external battery

Note: Test is only performed if unit is provided with external battery.

Test set-up: Connect up external battery and interrupt mains connection.

The unit remains operative without interruption and external battery supply is indicated on the display.

Re-establish mains connection.

Testing of internal battery on all units with DC module

Do not connect up external battery, interrupt mains connection and measure time as of this point.

The unit remains operative without interruption.

The following tests are performed with the internal battery until it runs flat or an alarm occures.

Test value: The capacity of a charged battery must be sufficient to power the Evita for 10 min and another 2 min with generated optical and acoustical alarm

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